

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/09968

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DELEERSNIJDER W ET AL: "ISOLATION OF MARKERS FOR CHONDRO-OSTEOGENIC DIFFERENTIATION USING CDNA LIBRARY SUBTRACTION MOLECULAR CLONING AND CHARACTERIZATION OF A GENE BELONGING TO A NOVEL MULTIGENE FAMILY OF INTEGRAL MEMBRANE PROTEINS"</p> <p>JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US,</p> <p>vol. 271, no. 32,</p> <p>9 August 1996 (1996-08-09), pages 19475-19482, XP002917436</p> <p>ISSN: 0021-9258</p> <p>abstract; figure 3</p> <p>page 19478, column 1, last paragraph</p> <p style="text-align: center;">-----</p> <p style="text-align: center;">-/--</p>	7,8,12, 13

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

1 April 2004

Date of mailing of the international search report

16.02.04

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Bigot-Maucher, C

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP 03/09968

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>CHOI S C ET AL: "Cloning and characterization of a type II integral transmembrane protein gene, Itm2c, that is highly expressed in the mouse brain." MOLECULES AND CELLS. KOREA (SOUTH) 31 DEC 2001, vol. 12, no. 3, 31 December 2001 (2001-12-31), pages 391-397, XP009026835 ISSN: 1016-8478 page 396, column 1, paragraph 2; figure 4</p>	1-20
X	<p>----- WO 01/68848 A (BAKER KEVIN P ;CHEN JIAN (US); DESNOYERS LUC (US); GENENTECH INC ()) 20 September 2001 (2001-09-20) page 82, lines 29,FF.; claims 2,3,11; figures 183,184; example 16</p>	8,13, 18-20
A	<p>----- WO 01/73003 A (BIOCELL LAB ;TKACHUK ZENOVIIY (US)) 4 October 2001 (2001-10-04) page 29, paragraphs 2,3; example 3</p>	1-20
A	<p>----- SEN T ET AL: "Glucose oxidase-induced lysis of erythrocytes" INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, vol. 33, no. 1, 1995, pages 75-76, XP009026651 ISSN: 0019-5189 abstract</p>	1-20
A	<p>----- AUDUS K L ET AL: "Bovine brain microvessel endothelial cell monolayers as a model system for the blood-brain barrier." ANNALS OF THE NEW YORK ACADEMY OF SCIENCES. UNITED STATES 1987, vol. 507, 1987, pages 9-18, XP001179819 ISSN: 0077-8923 table 1</p>	2,3
P,X	<p>----- YAO XIAO-HAO ET AL: "Identification of a key protein associated with cerebral ischemia." BRAIN RESEARCH, vol. 967, no. 1-2, 28 March 2003 (2003-03-28), pages 11-18, XP001180022 ISSN: 0006-8993 (ISSN print) abstract</p>	9-11
P,X	<p>----- WO 03/068054 A (SLOAN KETTERING INST CANCER ;US GOVERNMENT (US); BOYD JEFFREY (US)) 21 August 2003 (2003-08-21) page 25, line 30 - page 26, line 6</p>	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/09968

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0168848	A	20-09-2001	
		AU 2055401 A	12-06-2001
		AU 764092 B2	07-08-2003
		AU 3864800 A	09-10-2000
		AU 5152700 A	02-01-2001
		AU 6802801 A	24-09-2001
		AU 7079300 A	26-03-2001
		AU 7573000 A	26-03-2001
		CA 2361221 A1	28-09-2000
		CA 2372511 A1	21-12-2000
		CA 2380355 A1	08-03-2001
		CA 2384055 A1	08-03-2001
		CA 2391455 A1	07-06-2001
		CA 2401448 A1	20-09-2001
		EP 1169442 A2	09-01-2002
		EP 1208195 A2	29-05-2002
		EP 1208201 A2	29-05-2002
		EP 1208202 A2	29-05-2002
		EP 1250426 A2	23-10-2002
		EP 1259614 A2	27-11-2002
		JP 2003527074 T	16-09-2003
		JP 2003529324 T	07-10-2003
		JP 2004507204 T	11-03-2004
		JP 2003534769 T	25-11-2003
		JP 2004522404 T	29-07-2004
		JP 2004508805 T	25-03-2004
		US 2002182673 A1	05-12-2002
		US 2003032057 A1	13-02-2003
		US 2002119130 A1	29-08-2002
		WO 0077037 A2	21-12-2000
		WO 0073452 A2	07-12-2000
		WO 0116318 A2	08-03-2001
		WO 0116319 A2	08-03-2001
		WO 0140466 A2	07-06-2001
		WO 0168848 A2	20-09-2001
		US 2003044897 A1	06-03-2003
		US 2003004311 A1	02-01-2003
		US 2003036114 A1	20-02-2003
		US 2003008348 A1	09-01-2003
		US 2003049733 A1	13-03-2003
		US 2003134327 A1	17-07-2003
		US 2002192751 A1	19-12-2002
		US 2003092063 A1	15-05-2003
		US 2003049734 A1	13-03-2003
		US 2003044842 A1	06-03-2003
		US 2003032061 A1	13-02-2003
		US 2002090681 A1	11-07-2002
		US 2002127584 A1	12-09-2002
		US 2002192752 A1	19-12-2002
		US 2003180837 A1	25-09-2003
		US 2003009012 A1	09-01-2003
WO 0173003	A	04-10-2001	
		US 6737271 B1	18-05-2004
		AU 5296401 A	08-10-2001
		CN 1451041 T	22-10-2003
		EP 1278836 A1	29-01-2003
		WO 0173003 A1	04-10-2001
WO 03068054	A	21-08-2003	
		WO 03068054 A2	21-08-2003